

IN THE CLAIMS:

1. (Currently Amended) ~~In an~~ An optocoupler drive circuit controlling current for driving a ~~the~~ high side of a totem pole power transistor pair in a bridge circuit for commutating a motor ~~the improvement~~ comprising:

an optocoupler having a collector phototransistor output,

~~the optocoupler output device being directly connected to the~~ an upper power transistor in ~~the~~ said totem pole having a gate input connected to said collector phototransistor output, said upper power transistor being directly driven by said collector phototransistor output at low frequency, and

means for controlling ~~the~~ a drive current to said upper power transistor gate input to reduce its speed of turn on.

2. (Currently Amended) An optocoupler drive circuit as claimed in claim 1 wherein said means for controlling said drive current is a ~~series~~ resistor of selected value in series with said upper power transistor gate input.